


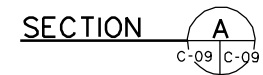


NOTES:

1. CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 28 MPa IN 28 DAYS.
2. EMPLACEMENTS SHALL BE CONSTRUCTED OF REINFORCED CONCRETE; CONCRETE STRUCTURES SHALL BE PRECAST OR CAST-IN-PLACE.
3. ALL REINFORCING STEEL SHALL BE PER ASTM A615, GRADE 60.
4. RETAINING WALLS SHALL BE CONSTRUCTED OF TREATED TIMBERS OR RAILROAD TIES & SECURED WITH #16 DEFORMED STEEL REINFORCING BARS DRIVEN VERTICALLY THROUGH FIELD-DRILLED HOLES. THE BARS SHALL HAVE A MINIMUM LENGTH OF 460mm & SHALL BE LOCATED ON A 610mm SPACING. FILTER FABRIC SHALL BE INSTALLED BEHIND ALL WOOD RETAINING WALLS. FABRIC SHALL EXTEND THE FULL HEIGHT OF THE WALL.
5. AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED OR RESURFACED CONSISTENT WITH THE NATURAL SURROUNDINGS. GROUND COVER SHALL NOT REDUCE TARGET VISIBILITY.
6. ALL DIMENSIONS ARE mm UNLESS OTHERWISE INDICATED.

NOTE TO DESIGNER:

REFER TO THE BERM THICKNESS FIGURES LOCATED IN THE DESIGN MANUAL TO DETERMINE THE REQUIRED BERM THICKNESS.



US Army Corps
of Engineers

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| U. S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE HUNTSVILLE, ALABAMA | | Designed by: N/A | | Date: 01 APR 88 | Rev.: |
| | | Dwn by: DPH | Ckd by: GCC | Design file no. | |
| | | Reviewed by: GCC | | Drawing code: STD 179-00-01 | |
| | | Submitted by: | | File name: ST0009.DGN | |
| | | | | Plot scale: 1/8" = 1'-0" | |
| | | REB | | Plot scale: FULL | |

FORCE XXI/FORCE MODERNIZATION PROGRAM
STANDARD DESIGN
CONCRETE STATIONARY ARMOR TARGET
EMPLACEMENT
(1 OF 2)

Sheet
reference
number:
C - 09
Sheet of